Shreeve, T. G. 1986. The effect of weather on the life cycle of the speckled wood butterfly *Pararge aegeria. Ecol. Ent.* 11: 325–332.

Sibatani, A. 1980. Wing homoeosis in Lepidoptera: a survey. Dev. Biol. 79: 1-18.

Sibly, R. M. & Atkinson, D. 1994. How rearing temperature affects optimal adult size in ectotherms. Functional Ecol., 8: 486-493.

Sibly, R. M., Winokur, L. & Smith, R. H. (in prep.). Interpopulation variation in phenotypic plasticity in the speckled wood butterfly (*Parage aegeria* L.).

Smith, R. H., Sibly, R. M. & Møller, H. 1987. Control of size and fecundity in *Pieris rapae*: towards a theory of butterfly life cycles. *J. Anim. Ecol.* 56: 341–350.

Thomas, J. A. & Webb, N. 1984. The butterflies of Dorset. Dorset Natural History and Archaeological Society.

Thompson, J. A. 1952. Butterflies in the coastal region of North Wales. *Entomologist's Rec. J. Var.* 64: 161-166.

Thomson, G. 1980. The butterflies of Scotland—a natural history. Croom Helm Ltd, London. Vuillaume, M. & Berkaloff, A. 1974. LSD treatment of *Pieris brassicae* and consequences on the progeny. *Nature* 251: 314–315.

Waddington, C. H. 1961. Genetic assimilation. Adv. Genet. 10: 257-294.

Wiklund, C., Persson, A. & Wickman, P.-O. 1983. Larval aestivation and direct development as alternative strategies in the speckled wood butterfly, *Pararge aegeria*, in Sweden. *Ecol. Ent.* 8: 233-238.

Winokur, L. 1992. Stable changes in voltinism strategy and their implications. *Nota Lep.* Suppl. 4: 36-56.

Winokur, L. & White, R. J. (in prep.). Wing pattern variation in *Pararge aegeria* L. (Lepidoptera: Satyridae): natural selection or constructive reciprocity?

SHORT COMMUNICATION

Swammerdammia compunctella H.-S. (Lepidoptera: Yponomeutidae), in Merthyr Tydfil, Glamorgan, S. Wales.—Whilst curating G. Fleming's collection of Lepidoptera (accession number NMW.1927.644) in the National Museum of Wales, Cardiff, I came across a series of Swammerdammia that he had named as S. caesiella (Hübn.). The series was collected from the area of Merthyr Tydfil between 1920 and 1926, in the months of June and July. Of the twenty specimens, 18 were re-determined by myself as S. albicapitella (Scharf), and the remaining two as S. compunctella (H.-S.). My determinations were confirmed by David Agassiz at the 1994 BENHS exhibition.

It would appear that S. compunctella has not previously been recorded in Glamorgan (VC41), and possibly not even from Wales (Agassiz, 1987). It would therefore be useful to search for the larvae in the spring on young Rowan trees.

It is also worth noting that the G. Fleming collection contains a great number of micro-Lepidoptera, mostly from South Wales, the records of which have probably never been published.

The full data from the two specimens are: Merthyr Tydfil, 22.vi.1925, and Merthyr Tydfil 25.vi.1926.—D. J. SLADE. c/o National Museum of Wales, Cathays Park, Cardiff CF1 3NP.

REFERENCE

Agassiz, D. J. L. 1987. The British Argyresthiinae and Yponomeutinae. *Proc. Trans. Br. Ent. Nat. Hist. Soc.* 20: 1–26.